

PRELIMINARY AMENDMENT
U.S. APP. NO. 09/825,930

REMARKS

Entry and consideration of this Amendment are respectfully requested.

Claims 4 and 5 are all the claims pending in the application. Each of these claims stands rejected under 35 U.S.C. § 103 as being unpatentable over Rousseau (French Patent No. 2,714,216) in view of Hirai (Japanese Patent 5-275903). The rejection of claims 4 and 5 is respectfully traversed.

Applicant submits that claims 4 and 5 are patentable over Rousseau and Hirai. One reason for this is that, taken either alone or in combination, these references fail to teach or suggest the claimed feature of:

at least two capacitor compensators, respectively connected to a closed loop stripline connected to a via-hole connected with one of the via-holes of the striplines of said stripline filter to connect said respective capacitor compensator with one of the striplines of said stripline filter, wherein said at least two capacitor compensators are arranged at the same end of the respective striplines

as required by claim 4.

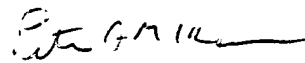
At least for this reason, Applicant respectfully requests the Examiner to withdraw the rejection of claims 4 and 5.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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PATENT TRADEMARK OFFICE

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APPENDIX
VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

The claims are amended as follows:

4. (Thrice Amended) A radio-filter of combline structure with a capacitor compensation circuit, comprising:

a plurality of input terminals;

a plurality of output terminals;

a [tri-plate] triple plate stripline filter having at least one pair of striplines arranged between first input and output terminals for filtering input signals through said first input terminal to select signals of a given frequency band for delivery to said first output terminal, each of said striplines having a via-hole at each of its respective ends, said first input and output terminals having via-holes;

a top ground layer having second input and output terminals formed of closed loop striplines containing via-holes connected respectively with the via-holes of said first input and output terminals of said stripline filter, and

[a] at least two capacitor [compensator] compensators, respectively connected to a closed loop stripline connected to a via-hole connected with one of the via-holes of the striplines of said stripline filter to connect said respective capacitor compensator with one of the striplines of said stripline filter, wherein each of said at least two capacitor compensators are arranged at the same end of the respective striplines; and

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a bottom ground layer connected to other via-holes of the stripline of said stripline filter which are not connected with said respective capacitor compensator, wherein said other via-holes ground said stripline.

5. (Amended) A radio filter as defined in Claim 4, wherein said respective capacitor compensator further comprises a lumped element adapted to provide capacitance enabling a length of said stripline to electrically meet a half wavelength of a center frequency of said transmission line filter.